

FEATURES

- Shutters alter detection angle between 180° and 90° in 10° steps
- Adjustable photocell sensitivity prevents daylight usage
- Adjustable sensitivity to minimize nuisance tripping
- Automatically recognize day and light
- advanced digital precision calculation
- latest control method of mass production sensor technology
- MCU accurately calculate the switch information and control the delay to be turned on at the zero point of the sine wave
- power supply version / capacitor step-down version (switchable)

RS PRO Infrared Motion Sensor

RS Stock No.: 791-8260



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

this product is an advanced digitally controlled infrared pyroelectric intelligent sensor product. It uses the MCU to accurately calculate the switch information, and accurately controls the relay to be turned on at the zero point of the sine wave, so that each load is turned on. At the zero point of the sine wave, the inrush current problem caused by the conventional control mode when the sine wave high voltage is turned on is avoided, especially the large current damage relay generated by the large-capacity capacitor under the impact of the high voltage under the loa

General Specifications

| | |
|-------------------------|--|
| Type | PIR sensor |
| Dimension | 86 x 78 x 98 mm |
| Installation Height | 1.8~2.5m |
| Max Detection Range | 12m |
| Detection Motion Speed | 0.6~1.5m/s |
| Time Setting Adjustable | Min 8sec ± 3sec Max 7min ± 2min It must wait until the lamp is turned off, and it will be triggered by the human body movement again after 5 seconds |
| Detection angle | 180° /140° |

Function

| | |
|-----------------|---|
| Lux adjustment | LUX refers to the illuminance of the environment. Adjusting the LUX adjustment knob allows you to choose which illuminance you want to get the sensor into the induction. |
| Time adjustment | The time adjustment knob is used to adjust the time after the sensor senses the light, and the user can reasonably select the delay time after the induction. |

Electrical Specifications

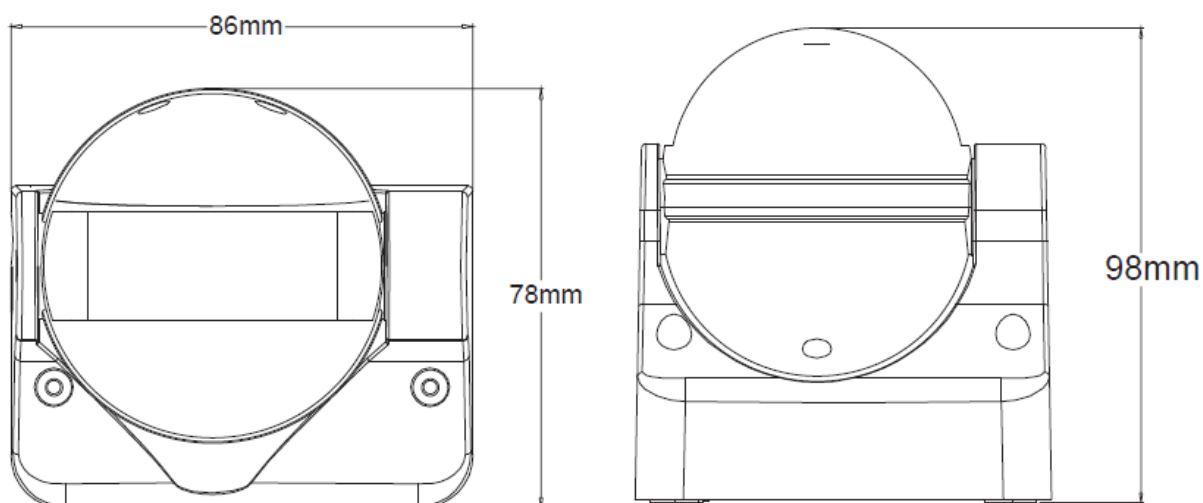
| | |
|-------------------|---------------|
| Voltage | 220 – 240V AC |
| Wattage | 1.5kW |
| Power consumption | 0.45W |

Additional Information

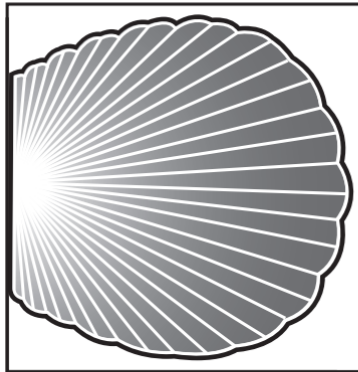
| | |
|----------------------|----------|
| Custom Tariff Number | 85416000 |
|----------------------|----------|

Approvals

| | |
|---------------|--|
| Standards Met | EN 60669-2-1/A12:2010 EN 55015:2013 EN 61547:2009 EN 61000-3-2/A2:2009 EN 61000-3-3:2013 |
|---------------|--|

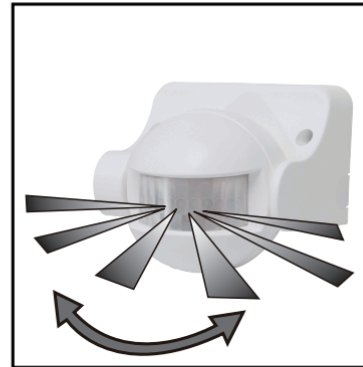


Sensor information



12m

Detection range

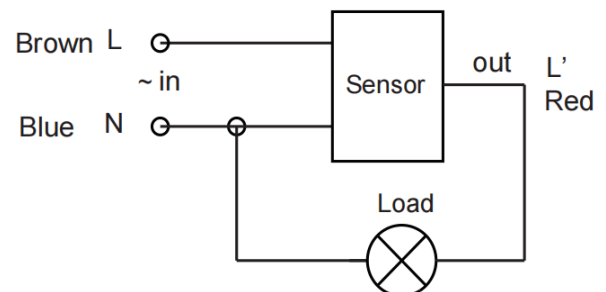


180°/140°

Detection angle

Connection-wire

L Brown
 N Blue
 L' Red
 connect L and N with power;
 connect L' and N with load.



Installation

1. Shut off power.
2. Loosen the screw on the bottom lid, open the wiring hole, pass the wire of power and load through the bottom lid.
3. Fix the bottom lid with inflated wire on the selected position.
4. Connect the power and load wire into connection-wire column according to the connection-wire diagram.

Put the sensor on the bottom lid, twist the screw tightly then electrify it and test it

